

## © EPODOC / EPO

PN - JP61265567 A 19861125  
 TI - MULTI-CAPILLARY COLUMN  
 AB - PURPOSE: To attain to enhance resolving power and the function of large amount portionwise sampling, by integrating a large number of capillaries each comprising a hollow fiber so as to bundle the same in a columnar or sheet like form. CONSTITUTION: For example, a column 1 is constituted by such a method that a large number of capillaries 2 each comprising a hollow fiber made of quartz are bundled in a columnar form and a metal tape 3 comprising aluminum is wound around the end part of the capillary column and the seam of the tape 3 is bonded by solder 4 such as aluminum solder. The capillaries 2 are mutually adhered, for example, by an epoxy resin type adhesive. In performing the analysis of a specimen, a liquid specimen S is injected in a sample receiving chamber from a specimen supply cock 12 and poured in the capillaries 2 of the column 1 by a piston 13 and, thereafter, carrier gas is injected in the capillaries 2 from the cock 12 to send the liquid specimen S under pressure. The liquid specimen S receives desired separation reaction in the separation layers of the capillaries 2 by pressure sending and is sent to the specimen collection part 7 and UV detection part 8 provided to the other end of the column 1 while the light from a light source 10 passes through the liquid specimen S in the UV cell 9 in the detection part 8 to reach a light receiver 11 and desired separation data is obtained.

ICO - S01N30/60+S01N30/46C  
 FI - B01D15/08; G01N30/60; G01N30/60A; G01N30/60K  
 PA - FUJIKURA LTD  
 IN - KOJIMA MORIAKI; YAMAGUCHI TETSUO  
 AP - JP19850107273 19850520  
 PR - JP19850107273 19850520  
 DT - I  
 PD - 1986-11-25

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AN - 1987-004493 [01]  
 TI - Multi:capillary column for chromatography - comprising integrally bundled hollow fibres for high separative power  
 AB - J61265567 A number of capillaries made of hollow fibre are integrally bundled in shape of column or sheet.  
 - USE/ADVANTAGE - Has high separative power, sepn. in short time etc. and allows use of sample after sepn. for other analysis. Used in gas chromatography liquid chromatography. (0/5)  
 IW - MULTI CAPILLARY COLUMN CHROMATOGRAPHY COMPRISE INTEGRAL BUNDLE HOLLOW FIBRE HIGH SEPARATE POWER  
 PN - JP61265567 A 19861125 DW198701 005pp  
 IC - B01D15/08 ;G01N30/60  
 MC - J01-D01A J01-E03A J04-B01C  
 DC - J04  
 PA - (FUJD ) FUJIKURA CABLE WORKS LTD  
 AP - JP19850107273 19850520  
 PR - JP19850107273 19850520

## © PAJ / JPO

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I - G01N30/60 ; B01D15/08  
PA - FUJIKURA LTD  
IN - KOJIMA MORIAKI; others: 01  
ABD - 19870414  
ABV - 011118  
GR - P567  
AP - JP19850107273 19850520